

DOCKET NO.: MSFT-1736/302204.1

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Richard Tkachuk, et al.

Confirmation No.: 5373

Application No.: 10/607,087

Group Art Unit: 2161

Filing Date: June 26, 2003

Examiner: Kim, Paul

For: **SYSTEM AND METHOD FOR EXPRESSING AND CALCULATING A  
RELATIONSHIP BETWEEN MEASURES**

DATE OF DEPOSIT: APRIL 4, 2006

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID,  
ON THE DATE INDICATED ABOVE AND IS  
ADDRESSED TO THE UNITED STATES PATENT AND  
TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA,  
VA 22313-1450.

TYPED NAME: Kenneth R. Eiferman  
REGISTRATION NO.: 51,647

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☒ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers 6 listed on the attached Form PTO-1449 are enclosed herewith.


- ☒ Copies of reference numbers 7 on the attached Form PTO 1449 are not required to be submitted pursuant to the waiver of 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

The reference(s) cited on the attached PTO-1449 form was/were cited in the International Search Report Written Opinion dated **March 8, 2006** that was received in the corresponding PCT application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: **APRIL 4, 2006**

  
\_\_\_\_\_  
**Kenneth R. Efferman**  
Registration No. **51,647**

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

DOCKET NO.: MSFT-1736/302204.1



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

**Richard Tkachuk, et al.**

**Confirmation No.: 5373**

**Application No.: 10/607,087**

**Group Art Unit: 2161**

**Filing Date: June 26, 2003**

**Examiner: Kim, Paul**

**For: SYSTEM AND METHOD FOR EXPRESSING AND CALCULATING A  
RELATIONSHIP BETWEEN MEASURES**

DATE OF DEPOSIT: **APRIL 4, 2006**

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID,  
ON THE DATE INDICATED ABOVE AND IS  
ADDRESSED TO THE UNITED STATES PATENT AND  
TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA,  
VA 22313-1450.

  
TYPED NAME: **Kenneth R. Eiferman**  
REGISTRATION NO.: **51,647**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☒ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers 6 listed on the attached Form PTO-1449 are enclosed herewith.


- ☒ Copies of reference numbers 7 on the attached Form PTO 1449 are not required to be submitted pursuant to the waiver of 37 CFR § 1.98(a)(2)(i).

☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

The reference(s) cited on the attached PTO-1449 form was/were cited in the International Search Report Written Opinion dated **March 8, 2006** that was received in the corresponding PCT application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: **APRIL 4, 2006**

  
\_\_\_\_\_  
**Kenneth R. Efferman**  
Registration No. **51,647**

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

DOCKET NO.: MSFT-1736/302204.1



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

**Richard Tkachuk, et al.**

**Confirmation No.: 5373**

**Application No.: 10/607,087**

**Group Art Unit: 2161**

**Filing Date: June 26, 2003**

**Examiner: Kim, Paul**

**For: SYSTEM AND METHOD FOR EXPRESSING AND CALCULATING A  
RELATIONSHIP BETWEEN MEASURES**

DATE OF DEPOSIT: **APRIL 4, 2006**

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID,  
ON THE DATE INDICATED ABOVE AND IS  
ADDRESSED TO THE UNITED STATES PATENT AND  
TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA,  
VA 22313-1450.

*David M. De Santo*

TYPED NAME: **David M. De Santo**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:


**CERTIFICATION UNDER 37 CFR § 1.97(e)**

In accordance with 37 CFR § 1.97(e), certification is hereby made that:

- ☒ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

- ☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Date: APRIL 4, 2006

  
Kenneth R. Eiferman  
Registration No. 51,647

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439





Sheet 1 of 2

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-1736/302204.1</b>		Application No. <b>10/607,087</b>		
	Applicant <b>Richard Tkachuk, et al.</b>				
	Filing Date <b>June 26, 2003</b>		Group <b>2161</b>		
	Confirmation No. <b>5373</b>				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>					
	<b>6</b>	Han, J. et al., "Data Mining: Concepts and Techniques", <i>Data Mining: Concepts and Techniques</i> , <b>2001</b> , 5-15, 23, 45, XP-002332057			
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>		

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-1736/302204.1</b>	Application No. <b>10/607,087</b>
	Applicant <b>Richard Tkachuk, et al.</b>	
	Filing Date <b>June 26, 2003</b>	Group <b>2161</b>
	Confirmation No. <b>5373</b>	

### U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	7	6,477,536 B1	11/05/02	Pasumansky, M. et al.	707	102

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------